

# MOSQUITOES AND ARBOVIRUSES - QUIZ



By the 2016 iGEM Pasteur Paris team

Name:

Surname:

Please select the correct answers in the quiz below.  
Several choices can be correct. Good luck!

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## 1. HOW MANY SPECIES OF MOSQUITOES DO YOU THINK THERE ARE?

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- a. 1: the mosquito
- b. 2
- c. A dozen
- d. Several thousands

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## 2. WHEN ARE THERE THE MOST MOSQUITOES?

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- a. In the morning
- b. In the evening
- c. On the week-end
- d. In the summer

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## 3. CAN MOSQUITOES BE THE VECTOR OF DISEASES?

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- a. Yes
- b. No
- c. Yes, but they can only pass on diseases to other animals, not humans

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## 4. WHICH OF THESE DISEASES CAN BE TRANSMITTED BY MOSQUITOES?

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- a. Malaria

- b. Zika
- c. Chikungunya
- d. None

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## **5. HOW CAN WE KNOW IF MOSQUITOES ARE CARRYING A DISEASE?**

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- a. Listen to the news
- b. Look up the internet
- c. Check official sources of information (such as the municipal office in charge for vaccination)
- c. Study it under a microscope

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## **6. WHAT IS A VIRUS?**

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- a. A microscopic organism
- b. A parasite smaller than bacteria
- c. A parasite bigger than bacteria
- d. A sort of computer program

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## **7. WHAT IS AN ARBOVIRUS?**

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- a. A virus that attacks plants
- b. A virus that attacks insects
- c. A virus carried by insects

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## **8. WHAT IS THE BEST WAY TO ELIMINATE THE THREAT RELATED TO ARBOVIRUSES?**

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- a. Having a better understanding of the mosquitoes that are responsible for their transmission
- b. Vaccinate people
- c. Eradicate the mosquitoes
- d. Spread insecticides

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## **9. HOW COULD BIOLOGY FIGHT AGAINST ARBOVIRUSES?**

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- a. By creating a new mosquito that would replace the virus-carrying mosquito
- b. By creating an inhibitor against arboviruses
- c. By producing a detection tool for arboviruses.